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## Abstract of the Disclosure

A device for controlling an over-rolling of a vehicle estimates a first parameter quantity indicative of a rolling amount of the vehicle body, and a second parameter quantity indicative of change rate of the rolling amount of the vehicle body, and controls the brake system such that the brake system is actuated to accomplish a target deceleration of the vehicle when the first parameter quantity exceeds a threshold value predetermined therefor, wherein the target acceleration is increased from a predetermined minimum value to a predetermined maximum value according to an increase of the second parameter quantity.